** ANTARCTICA. 15475.98-RCUSB, June 5 at 1420 & 1530 chex via Brasília #2 SDR, no LRA36 signal for the second Saturday; but was still on air Wednesday June 2 (Glenn Hauser, OK, WOR)

** ANTARCTICA. 15475.98-RCUSB, June 9 before and after 1500, *no* signal from LRA36 via three different Brasil SDRs which ordinarily get it. Was also missing Sat June 5; who knows if taking a seasonal break or just unreliable/irregular? (Glenn Hauser, OK, WOR)

** AUSTRALIA. 3210-USB, Unique Radio: see USA [non] WORLD OF RADIO. Unique was originally in Gunnedah NSW, and has been off the air for most of a year while being relocated to Manilla NSW. U.R. had been referred to as in ``northwest NSW`` but both these are really in NE NSW. In fact they are only 51.5 km or 32 miles apart. They are about halfway between Sydney and Brisbane, but further inland; on Google map there is a nearby place called New Mexico! Settled by immigrants?

Ron Howard reports: ``Checking here in California for Unique on 3210, only to hear strong DRM from 3205, from 1130+ UT, on June 5 (Saturday). Aoki database:
3205 2000-1800 KRE KCBS Pyongyang DRM Kor Pyongyang 1-7 --- Ron``

Roger in Germany reports to the WOR iog:

``"Manilla", is that the official new QTH?
A first TDoA measurement also points in this direction.
https://www.dropbox.com/s/jm9ev3j3t4zqtxy/
2021-06-05_3210kHz_Unique%20Radio_TDoA.png?dl=0

I found it just now:
List source: userlistAM.txt, file date 2021/05/31 17:08
kHz: 3210
UTC/PSN: 0000-2400
Days/PI: 1234567 (Mo-Su)
Language:
Station: Unique Radio
Country: AUS (Australia)
Transmitter: Manilla (New South Wales)
Latitude: -30.7397 (30S44'23")
Longitude: 150.7156 (150E42'56")
QTH locator: QF59ig52ul
Modulation:
Power (kW): 0.1
Target:
Distance: 16230 km
Bearing: 65°
Notes: irr

Details: 90 m from Australia/New South Wales
Remarks: Distance and bearing for Twente, 6.8742/52.2396, JO32kf47vm
--- roger`` (Glenn Hauser, OK, WOR) See USA [and non]: WOR

** BENIN. Surprise, no TWR 1566 signal here before 0500 Wed June 9; but JBA carrier into Spain remote; better S5 with trace of music to Caruaru, Pernambuco SDR, the closest one to Africa; indeed carrier off at 0505:53* compared to JBA CHU 7850 via same SDR.

There has been a lot of discussion about this summer MWDX across North America, people detecting the carrier going off around 0505, such as on the IRCA iog June 8:

``Benin 1566, Nigel Pimblett, 4:32am #19840 --- Haven't noted any usable audio from this one here yet this year, although I haven't been checking every day.

I did manage to decipher the TWR sked, which shows 1566 is only used for a short period on their morning broadcast, with programming running from 0430 to 0505 in the Twi language. I've noticed the carrier comes on at about 0420. The carrier here tonight is weaker than some recent nights, so any audio here is very unlikely. 73, Nigel Pimblett, Dunmore, AB``

However, the A-21 WRTH updater, under, where else? South Africa shows these morning emissions from Parakou:

Kotokoli
0430-0445 .....s. WAf 1566par
0445-0500 ......s WAf 1566par
Twi
0430-0445 ......s WAf 1566par
0430-0500 mtwtf.. WAf 1566par
Moore/Songhai/Twi
0500-0520 daily WAf 1566par
(gh)

Mauno Ritola of WRTH replies: ``Yes, unfortunately there is exactly such a mistake. The schedule is rather complicated, this is what it looks like after 0500, day 1 is Sunday:
0500-0505 1   7 Songhai 1566 Nigeria/Cameroon/Ghana/Togo
0500-0505 23   Twi   1566 Nigeria/Cameroon/Ghana/Togo
0500-0505   456 Moore   1566 Nigeria/Cameroon/Ghana/Togo
0505-0520 1   Moore   1566 Nigeria/Cameroon/Ghana/Togo
0505-0520   7 Songhai 1566 Nigeria/Cameroon/Ghana/Togo``

So until 0520* only on Sat & Sun. Per gaisma.com Parakou sunrise is 0529 UT, close to the earliest of the year; varies less than a

semihour later into ``winter`` (Glenn Hauser, OK, WOR)

** BRAZIL. 11780, June 4 at 0306, RNA surprisingly on after local midnite, ``Nacional`` promos, S9+10/20, 0309 time check as ``méia-noite com 8 minutos, um novo dia``, so must be live DJ, songs past 0313 but off at next check 0319. Rodeador SW op may have been asleep at the switch. Not on 6180, only MWV (Glenn Hauser, OK, WOR)

** CANADA. 346-MCW kHz, June 4 at 0552 UT, ND beacon dash and YXL, 500 watts from Sioux Lookout, Ontario. Common in the winter and usually not logged but nice to be getting now vs summer noise level, also local line? noise, and little else (Glenn Hauser, OK, WOR)

** CANADA. Re my 93.5 FM DX of a CKSB relay in Kenora, originally 1050, Andy W Reid, Ontario, replies ``Hi Glenn, Hope all is well. CKSB moved to FM several years back, 88.1. Keep well and happy a`` (Glenn Hauser, OK, WOR)

** CHINA. CNR1 jammer survey, June 3 from 1406: 10960, Chinese, S1-S2 with flutter, only WOOB one around 11 MHz; at 1408: S4-S5 on both 13230 and 13160, the onlies above and below 13 MHz; and JBA carrier on 13530 (Glenn Hauser, OK, WOR)

** CHINA. CNR1 jammer survey, June 4 1438-1450, not in the order tuned, all confirmed as // with Chinese talk unless JBAC; and not a sign of Sound of Hope targets which are much weaker and mostly off-frequency: 12500 S6-S8; 12820 S5-S8; 12880 JBA carrier; 13020 S5-S7; 13130 JBA S4-S5; 13530 JBA carrier; 14980 S3-S6. None in the 11 MHz area, nor 16 MHz area.

Also at 1452 // CNR1 in-band 25m which might have been legit, but not, also SOH frequencies except for 11900 VOA Philippines: 11600 S4-S6; 11900 S9/+10; 11975 S5-S8; 11990 S8-S9. Per Aoki, 11990 has SOH only before 1300.

Also, extremely distorted // Chinese around 13634, rather than a Cuban spurblob altho its 13700-AM is on; tuning up, it`s out of 13640 S6-S8, another SOH jammer and also blob circa 13646 (Glenn Hauser, OK, WOR)

** CHINA. 10960, June 6 at 1359, S3-S4 Chinese music, CNR1 jammer. No others audible in the WOOB 11 or 13 MHz ranges (Glenn Hauser, OK, WOR)

** CUBA. 15230, June 3 at 1414, S8-S9 of dead air, no doubt RHC; while 15140 musically modulates at S9+10/20. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 6060, June 5 at 0546, S9+ open carrier except for hum instead

of RHC English; the three other 6`s are more or less OK. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 13763 & 13638 approx., June 5 at 1405, weak S5-S6 F# spurblobs from RHC 13700-AM at 62-63 kHz intervals; also trace on about 13826 = +2 x 63. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 6100, June 6 at 0603, this RHC English is off already; bodes ill for Sunday Esperanto supposedly at 0700. 6000 however is unusually still on after 0600. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 13761 & 13639 approx., June 6 at 1352, weak spurblobs out of RHC 13700-AM, plus/minus ~61 kHz; no further multiples audible. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 5040, June 8 at 0605, S9+20 of dead air from RHC; the rest of The Cuban Five: 6165 is also dead air in English, S9+10. 6100 is off; 6060 humbuzz; 6000 still on. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 13638 & 13762 approx., June 8 at 1413, weak spurblobs with F# tone but no program modulation, out of modulated 13700-AM RHC Spanish, at plus/minus ~62 kHz offsets; but no further multiples audible. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** GERMANY. 9670, June 4 at 2230, Channel 292 puts a sufficient S6-7 signal into Maryland SDR, carrier offset +15 Hz; some ACI on LSB presumed Brasil+, evitable by USB tuning; talk in French but ID with English name --- why do French stations do this? Radio Waves International, contact address, music; 2259 ID in English, and:

2300, Texas Radio SW starts with `YROT` theme, roboyl opens from ``Laguna Madre on south Texas coast``, QSL offer; also from Cap`n Ric, if rules are followed including at least 20 minutes of details. Another announcement at 2316, now S6-S8 there and offset +16 Hz. What?! TRSW does not make the cut of https://www.visitcorpuschristitx.org/trip-ideas/must-see/10-cool-facts-about-the-laguna-madre/

No offense, but I would not spend an hour listening to Stevie Ray Vaughan if reception were perfect local FM. This has been publicized as a test to North America; east coast maybe, but direct to here at 2325 check, it`s a JBA carrier vs high noise level of S6-S7; `YROT` theme again at 2359 closing via MD SDR, same reception as before.

The same SRV show should be less of a strain to hear in NAm later this

weekend, as Terry Colgan reminds us: ``June 6 at 0100 UT (Sat night in NAm) on 5960 kHz [sic: it`s really 5950 WRMI]: Stevie Ray Vaughan. As always, TRSW offers special eQSLs for correct reports conforming to TRSW's eQSL policy to texasradiosw@gmail.com``

Attn editors: do not ``correct`` ``NAm`` to ``Nam`` as has been happening to my reports: it means North America, not (Viet) Nam!

As for Channel 292, their website sked is fuzzy low-res, but if you keep clicking on it, you can get to a sharper version which will enlarge. The TRSW airing is labeled N, for a direxional beam on a strange map as 270 degrees toward NAm, which is NOT the case since Earth is spherical; don`t tell 9330. The next beam ``O`` of 315 degrees would be closer to us (Glenn Hauser, OK, WOR)

** KOREA NORTH. 13650, June 5 at 1404, hyper-assertive Korean, from VOK/KCBS as scheduled (Glenn Hauser, OK, WOR)

** KOREA SOUTH. 15575, June 5 at 1410, KBSWR in Korean best yet but only S9-S6 in so-called NAm service; previous hour 13-14 is in English. Mostly thru the darkside and unpropagable but now`s the time circumSolstice (Glenn Hauser, OK, WOR)

** MADAGASCAR. 11824.934, June 3 at 0415, S9/+10 English, African Pathways Radio, contact address, i.e. MWV, way off-frequency. Their evening English used to be good & easy here at 18-19 on 13670, 20-21 on 11965, but not any more, due to southern winter? (Glenn Hauser, OK, WORLD OF RADIO 2089) See also UK [non]

** MALI [non]. 5995, June 6 at 0603, ORTM is off again; while 6000 RHC is still on (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6974.911, June 4 at 0247, JBA music at S9 vs HNL of S8, undermodulated; presumed pirate Nowhere Radio as before on this offset. More logs here but never IDed except for the music: https://www.hfunderground.com/board/index.php/topic,82419.0.html (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6974.9-AM, June 5 at 0156, S6-S7 of undermodulated music, again presumed the `Nowhere Radio` transmitter as before. Yes, some of these did get that ID from ``somewhere in the Midwest``: https://www.hfunderground.com/board/index.php/topic,82440.0.html (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6960-AM, June 5 at 0157 pirate music at S6-S9, presumed Ball Smacker Radio on usual 0100 UT Saturday show. Many more reports here including extensive playlist but no SSTV: https://www.hfunderground.com/board/index.php/topic,82441.0.html

concluding with this from BS itself:

``Sorry if we are a bit weaker tonight, only 30W instead of 200W as we are camping deep in the woods. Totally solar charged batteries though! Thanks for toughing it out and we hope to see you at full power next week. The whole setup including antenna fits in a back pack! Audio quality is still full if you can hear us. Lighting [sic] doesn't help either. We really appreciate your reports, good or bad, and emails to BallSmacker@ProtonMail.com will receive an eQSL reply`` (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6930-AM, June 5 at 0159, S9/+10 of rock music, stronger than the other two on at this time. These say it`s WDOG: https://www.hfunderground.com/board/index.php/topic,82442.0.html which kept jumping frequencies from 6950 to 6933, 6930 (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6974.9-AM, June 7 at 0226, music at S9 vs noise level, presumed Nowhere Radio as IDed by some here as if ``6975``: https://www.hfunderground.com/board/index.php/topic,82536.0.html (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6955-USB, June 7 at 0227, pumping rock music at S9; 0231 ID? missed, SSTV; 0233 hard rock; 0236 more SSTV beepery; 0237 music; 0243.5 even more SSTV to 0245*. Strangely, no HFU logs of this during this span, too much competition from the others? But one unID log starting at 0244, could be else: https://www.hfunderground.com/board/index.php/topic,82538.0.html (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6865-USB, June 7 at 0228, WWII news recordings about D-Day, June 6 being the anniversary from 1944y; mentions ``New York studio of Columbia`` in contact with correspondents; occasional weak running-H2O QRM. 0248 swing music reminiscent of ``Boogie-woogie Bugle Boy`` on xylophone, and more tunes; 0252 ``Accentuate the Positive``; 0254 Mix Radio International ID, joint produxion with Cool AM Radio in Europe; 0258 protracted variations on ``Yankee Doodle`` including a promo for buying War Bonds featuring Donald Duck. 0303 inviting e-mail reports to both stations; maybe voice of Edward R Murrow; 0320 songs, 0327 contact info again, ``Taps`` until 0329*. Tnx for the show (Glenn Hauser, OK, WOR)

** OKLAHOMA. 90.9 & 91.1 both solid Air-One signals in Enid, as if a twice-as-broad single station. 90.9 is axually 13.5 kW KOKF Edmond, while 91.1 is 450-watt KKRD Enid. Shifting between them they seem synchro; but with second radio DX-398 on one of them, I can tell that they are an echo apart, 91.1 leading! DB shows KKRD relays 92.7 KYRA, huh? No such station around here. It`s in Thousand Oaks CA, must be

flagship of Air One. But does not show KOKF as relaying it, tho it surely does too.

KKRD site is still downtown Enid; as original KBVV it was atop the now-decrepit and uninhabited skyscraper Broadway Tower. A local church started it with some local programming, plugged into Moody, I think, ultimately sold it off to the so-called Educational Media Foundation a.k.a. Air One, mostly gospel music. But now the blown-up FCC map puts a pin several blox NE of BT, just SE of the intersexion of East Oak and North Third, west of RR trax. I must go have a look there sometime (Glenn Hauser, Enid, 1620-1700 UT June 6 non-Es opening)

** OKLAHOMA. 91.1, KKRD, the station with a pin on the FCC map at the SE corner of East Oak and North Third in Enid: we drive by there already June 6 at 2125 UT on the way to retrieve our Memorial Daycorations from the cemetery --- and guess what, no sign of any FM mast, let alone FM transmitting antenna. Seems to be occupied by an unID warehouse, across from one of numerous Tyson buildings around Enid. I bet KKRD is really still atop the decrepit, abandoned and vacant Broadway Tower white elephant downtown. Have not tried matching geo coördinates yet: a task for another idler day

BTW, this ``umlaut`` in English is not replaceable by ``oe`` as if it were German. The diaeresis in French and English signifies only that the two vowels are pronounced separately. If you can`t bear accents, just omit or hyphenate. Much more about it:
https://www.babbel.com/en/magazine/the-history-of-the-umlaut-and-the-diaeresis-and-how-to-pronounce-them
(Glenn Hauser, OK, WOR)

** OKLAHOMA [and non]. 90.1 WBFM, on the caradio at 2132 UT Sunday June 6, I am listening to KUCO-FM during the `Feminine Fusion` hour when it is rudely interrupted by loud prolonged tone and then a lo-fi flash flood warning from the NWS concerning the southern part of Oklahoma County until 7:45 pm -- how precise! Since that`s not a threat here, I quick check the next two OKC stations during the FFW, and neither 91.7 KOSU nor 92.5 KOMA is airing it. May their listeners just drown?!

`Feminine Fusion` presents serious/classical music composed and/or performed by female humans; originates at WCNY-FM, Syracuse NY, hostessed by Diane Jones, who is herself a composer and performer. A thumbnail of her is here:
http://www.wcny.org/radio/meet-the-hosts/

Right next to one of Marie Lamb, where altho the page is (c) 2021, still claims she hosts `DXing with Cumbre`, which was canceled many years ago. I always associated her with jazz, as in DWC theme music,

but she also does classical and opera announcing. For DWC I suspected her of being a ``hired hand`` rather than a DXer, never or hardly ever mentioning any catches by herself. BTW, did you know that DWC existed only because WHRI still wanted to have a DX program after they could no longer countenance the secular rational WORLD OF RADIO? Seems I have outlasted DWC, WHRI and LeSEA Broadcasting itself.

BTW, sorry, other feminines, but the only airtime of `Marion`s Attic`, Sundays 21-22 UT on WBCQ 7490 unfortunately simulcollides with FF; not to mention that that SW signal in the summer daytime is lousy (Glenn Hauser, OK, WOR)

** OKLAHOMA. See USA, FM notes mixed in

** PERU. 4775.04, June 5 at 0202, JBA carrier, presumed still Radio Tarma on its signature offset. The station had been attacked by Sendero Luminoso, but apparently another of their transmitters. See this illustrated story via CadenaDX FB via Don Moore, MARE Tipsheet: https://peru21.pe/politica/terrorismo-vraem-pedro-castillo-peru-libre-sendero-luminoso-ataca-a-una-radio-opositora-a-cerron-en-tarma-noticia/ (Glenn Hauser, OK, WOR)

** PERU. Re 4775.04, Radio Tarma, Wolfgang Bueschel refines it to: ``4775.038 PRU Most LIKELY poor signal string of R Tarma Peru, Spanish, poor and tiny, -109dBm signal at 01.00 UT on June 5th.``

Via GRA blog, another press about the Sendero Luminoso attack. In Perú a presidential elexion is imminent, far-left vs far-right.

Gerente de Radio Tarma habla tras amenazas senderistas y denuncia atentado
https://diariocorreo.pe/edicion/huancayo/gerente-de-radio-tarma-habla-luego-de-amenazas-senderistas-y-denuncia-noticia/
(Glenn Hauser, OK, WOR)

** ROMANIA. See UGANDA [non]

** RUSSIA [non]. In order to cite a precise cutoff time of the q.v. UGANDA [non] on 15170, I then tune the same UTwente to 9996 for RWM to calculate how much internet delay there may be and also as a correxion factor for my watch. No timesignals audible on 10000, but RWM is quite good. Unfortunately it`s running a continuous carrier 1534-1538. What good is that, when it could be ticking or pipping?? 1538 silence; 1539 the minute of RWM CW IDs over and over. 1540 resumes pips, some doubled, with extended one at tops of minutes such as 1541:000 (Glenn Hauser, OK, WOR)

** SAUDI ARABIA. 17895.070, June 7 at 1427, Qur`an at S3-S5 about

equal to noise level; hardly anything else on 16m except their other frequency slightly minus from 17615, not measured (Glenn Hauser, OK, WOR)

** SPAIN. 17855, Fri June 4 at 2210, zero signal of REE English into Maryland SDR; 11940 is VG but audio keeps cutting out! 15520 is OK; 11670 is surprisingly good way off the Africa beam, so I listen there; 2222 Justin Coe starts playing some blues music, and now 11940 is OK, S9+5/15; back-timed so it ends just in time for pips at 2230; while on other days final music gets chopped off but presumably plays out on podcast of variable length (Glenn Hauser, OK, WOR)

** SPAIN. 17855, June 7 at 2200, REE English is good today, S9 with some fades to S6. Amy Egan first with what`s happening in Spain, about Catalan independence; Justin Coe later; at 2220 he starts to play Miles Davis` jazz version of `Concierto de Aranjuez` but I can`t stand to hear it with so much distortion (Glenn Hauser, OK, WOR)

** SPAIN. 17855, Wed June 9 at 2200, REE token English is on and VG S9/+20 into Maryland SDR; sounds good on voice but music is somewhat distorted; 2209 song is `Hoy no me puedo levantar` introducing a feature on a show ``made up of 25 small musicals`` at the only theatre in Spain big enough to present it (Glenn Hauser, OK, WOR)

** TURKEY. 9830, June 7 at 2200, no signal from VOT English (Glenn Hauser, OK, WOR)

** TURKEY. 9830, June 9 at 2209, VOT is on in English, and VG into UTwente; after listening to Spain`s simulEnglish for a while, their music is unappealing so back to TRT: 2217 that PSA about COVID-19 including ``a vaccine is yet to be found``!! It must be some 15 months old, awry at Ankara, outdated tho the advice is still good and what other SW station does that? At 2225 I compare to Maryland SDR where it`s just as good, S9+15/20 during `Did You Know That?` until 2225; mostly great Turkish music fills rest of hour; convoluted but correct canned English SW schedule to close, 2252 IS once and off* --- no extra German or Portuguese today! Something`s not erroneous at Emirler (Glenn Hauser, OK, WOR)

** UGANDA [non]. 15170, Sat June 5 at *1457-1529* strange new clandestine for and about this country.

15170 via UTwente SDR, I`m on before *1457 when S9+20/25 open carrier cuts on; I start recording just before 1459 when modulation cuts on, amid English talk in progress with African accent, ``country belongs to us``, all about Uganda. NO ID of any sort; 1503 goes into another language presumably Luganda, but a few English words included; 1505 mixes them thoroughly; 1508 refers to ``another speech on this

channel``; 1511 ``thanks for listening``, a bit of music; and a different speaker named Reshide Kasato (sounds like); 1518 cut to lo-fi music, anthem? 1520 cut to non-African YL with PSA? about volunteering; 1521 timecheck as ``1730! CET`` and other zones including N America; Feature Story News headlines; 1522 nice Mideastern-sounding songs until off at 1529* with no further announcements. This has all been very rough and ad-hoc, especially the Ugandan part, with mike-handling, background noises, poor editing, etc.

I recorded the whole thing which you may hear here:
https://www.w4uvh.net/UgandaNon15170_20210605_1459.mp3

Background: Ivo Ivanov posted May 11:
``SECRETLAND Registered two new frequencies of NEXUS IRRS Shortwave in HFCC probably for clandestine transmissions and probably via SPL Secretbrod
1800-1830 15170 SCB 100 kW / 149 deg EaAf English Thu-Mon from May 13
1800-1830 15170 SCB 100 kW / 079 deg EaAf English Tue/Wed from May 25
BUT in Secretbrod no antennas with azumuths 079/149 deg. For EaAf is 195 deg`` --- note the times, not now! Bulgarian local by mistake??

To add to the confusion, this from May 15:
``Ethiopia (non): Following up on Ivo Ivanóv`s updates on the IRRS schedule, I can confirm the following:
210515 15170 1515 1505 [sic] BUL EGR - Union of Oromo Evangelical Churches, Afan Oromo, Predigt 45433 HjBi // https://www.nexus.org/mp3/
The schedule on the website https://www.nexus.org was updated on 14 May 2021:
1500-1530: 15170 Mo-Fr nothing listed on website, Sa Su EGR - Union of Oromo Evangelical Churches (Dr Hansjoerg Biener 15 May 2021)``

Ivo again: ``ITALY(non) IRRS UNIDentified broadcast on 15170 kHz, May 23: 1500-1529 on 15170 unknown kW / unknown to EaAf Somali/English, instead of Radio Danadalidababa in Afan Oromo on Sat May 15 and NEXUS IBA IRRS Shortwave Music & Future [sic] Story News on Sat May 22! Several times mentioned Uganda. Very good via SDR Heimiswil SUI

http://swldxbulgaria.blogspot.com/2021/05/nexis-iba-irrs-with-unidentified.html

Ivo Ivanov reports June 5: ``New clandestine in English and Somali on 15170 is via SPL Secretbrod Sat&Sun, instead of 15515 Radio Waarangelati on Afan Oromo Sat only. Good here in Sofia, very good via SDR in Switzerland. More and videos tomorrow`` No time mentioned but posted at 1833, so I wonder if referring to some other broadcast.

It`s about 800 miles from Bulgaria to Switzerland, a bit close for a VG signal to skip. The broadcast I heard was all about Uganda, so I

seriously doubt it had any connexion to Ethiopia, or Somalia, or their languages.

Amid it at 1516, I invoked TDOA DF on three KiwiSDRs, one of them as far away as VK6 Australia. They concluded that the most likely location for 15170 is 41E/41N, which is in the Black Sea just west of Batumi --- but closest major SWBC relay site is: Gavar/Noratus ARMENIA; where WRTH shows there are 3 x 100 kW and 3 x 1000! kW SW transmitters. From the bigsig way offbeam to Holland I could easily believe 300 if not 1000 kW.

The latest HFCC of June 4 shows:
``15170 1500 1530 38,47-48,52-53,57 MIL 300 149 0 286
12567   130521 311021 D 15000 Eng I ANT ANT 15012
15170 1500 1530 38,47-48,52-53,57 MIL 300 79 0 286
3   010621 311021 D 15000 Eng I ANT ANT 15013``

Numbers at head of second lines are days of week: 12567 = SunMonThuFriSat; 3 = Tue, which just went into effect this week.

All those CIRAF are eastern zones of Africa from Libya to South Africa. Of course, everyone knows the site is never really Milano. Nor do the azimuths make sense; the correct direxion from Armenia to Uganda would be roughly due south. Since the second azimuth is so different, could Tuesday really be from another relay site?

I`ve asked IRRS for any info about this broadcast, i.e. its name, target, contact info, but no reply. I know better than even to inquire about transmitter site since for IRRS this is always confidential, with the ``cover`` story of MIL (Glenn Hauser, OK, WOR)

** UGANDA [non]. Kai Ludwig replies on WOR iog to my 15170 report:

[WOR] Uganda broadcast 15170 kHz --- Jun 5 at 11:26 PM

Some comments in the order of the points raised...

First, the way the transmissions start sound like cutting into a running web radio stream. So this does not appear to be a really new venture, just a limited shortwave relay being added to an already existing internet radio station. If only there would be any hints at what to search for... And indeed it really sounds like an effort by people with no previous experience in radio production whatsoever. The dedicated reference to CET could well be a hint at the location of these people. I would not be surprised if it turns out to be Germany.

I assume that on May 15 the Union of Oromo Evangelical Churches program audio appeared on 15170 kHz by mistake. Is this broadcast

really cancelled? It could also continue on 15515 kHz as scheduled or at least shown at

https://www.nexus.org/member-services/radio-and-tv/schedules/a21-schedule/

There is of course no point at all in discussing the HFCC registrations for 15170 kHz. And a huge signal far off the target area could also indicate a poor directionality of the antenna.

Armenia: Could be, at least years ago Spaceline had a partnership with the operator of the Gavar station. Still Kostinbrod would be the usual suspect. Or Romania, in spite of all the equipment faults (it would not hurt to check if perhaps a further RRI frequency is missing in the 1500-1600 hour). 19 metres is not too high to reach Central Europe from the Balkans under broad daylight. Romania uses it for German, Bulgaria used to do so as well. I think Finland, over a similar distance, too. And here in eastern Germany the best BBC frequency from late morning to afternoon used to be 15070 kHz...
Kai Ludwig``

BUT Dave Kenny, UK, replies to that:

``On 24 May I heard world music between 1500-1529 on 15170, then at 1529 a single Radio Romania International interval signal before the transmitter went off air. This perhaps indicates the use of a transmitter in Romania for the Ugandan opposition broadcast? The Uganda broadcast seems to be on air mostly on Saturdays and Monday, perhaps also on Sundays. 73s Dave``

And Kai Ludwig again:

``Aaah, this of course nails it. Also the audio processing pretty much points at Romania, less at Kostinbrod and even less at Gavar. Just did still not mention it as first bet because of the equipment failures. (I understand the third transmitter at Tsiganeshti, originally installed there as aux and, I understand, used for IRRS broadcasts on earlier occasions, is written off for already some time?)

No transmissions of Radio Romania International are scheduled*) for Galbeni between 1500 and 1530. So it seems that they squeeze the 15170 kHz transmission into this gap. Could be the first time since the days of Radio Moldova International that this station transmits other programming than Radio Romania.

And there would be no connection between this and the Oromo Evangelical Churches transmission – unless it came from Romania instead of Kostinbrod, too. *) http://ab27.bplaced.net/rri.pdf Kai``

So much for the accuracy of TDOA DF, which must be viewed only as an approximation, or last resort lacking more substantial clues. The HFCC-registered 300 kW power also matches for Romanian transmitters.

15170, I monitor via UTwente again Sunday June 6: 1458 strong carrier is on; 1459 heavy rock music, almost sounds like played backwards. 1500 pip and pause, a bit more music, and then: ``This is Comrade Reshide Kasato[?], fellow comrades`` --- pays tribute to ``all our comrades who have lost their lives fighting for freedom and independence...`` 1502 some deep fades, then off the air for a few seconds, back at S9+5/10. Somewhat eloquent, backs the ``winner`` of elexion; stays in English until 1512 Luganda(?) except for some English terms mixed. I`m not recording but hope someone got this.

1514 a bit more English mixed in. 1517 ``the president-elect will be making some speeches on this channel``. 1520 gives his name again, ``thanks for listening to me -- we really did it``. 1521 same guy starts over another speech. 1526 interrupts himself for a third but very similar speech. There are occasional squeaks/chirps in the background. 1527 cut to a fragment of music and chop off air early. But 1528 back on for the backwards? music only until off before 1529*

Web search on the name as I have spelt it + Uganda reaches only my own earlier report in HCDX, so it`s certainly wrong.

WOR iogroup reply from the UK: ``The speaker on the broadcasts I've heard is Rashid Kasaato, who also mentions the Ugandan opposition leader Bobi Wine. Dr Rashid Kasaato has been on (internet station?) People Power Radio. 73, Alan Pennington``

To which roger, Germany replies with this live music stream, which interrupts itself for a State Farm/Enid! ad at 1717:

https://dengarr.com/peoplepowerradiouganda
http://node-08.zeno.fm/74dz1q4n5tzuv

Network received: 624166 bytes
Content-Type: audio/mpeg
Metadata received: 166 bytes
Metadata interval: 16000 bytes
Stream name: -
Current title: Yoga Yoga - Sounds of Jubilation Uganda50.mp3
128 kbps MP3   44 kHz Sampling
roger``

Wolfgang Bueschel also reports at 1604 UT June 6: ``ROMANIA IRRS Milano etc. Uganda broadcast 15170 kHz. Noted S=9+30 or -48dBm signal on first hop from RadioCom Romania into Zakynthos, Athens, and Cyprus

KIWI-Net SDR units, listen to attached recording 1500 til 1527:45 UT
CUT OFF FEED stream; suddenly scratch switch off. And 2nd recording,
start at 1529:10 again, 40 seconds M U S I C feed again to 1530 STOP
finally.

At all the time heard an heavy OTHR splatter on adjacent 15180 kHz
broadband on 15170 to 15190 kHz.

Tiganesti / Saftica: at same 1500-1530 time slot noted also
5910 kHz RRI Ukrainian via 100 kW Saftica site on air.
9580 kHz RRI Russian in DRM mode via 90 kW Tiganesti tx #2 on air.
11810 kHz was O F F air Tiganesti tx #1``

In my yesterday`s recording, roger had identified the fill music:

``"1522 nice Mideastern-sounding songs until off at 1529*"

!!! Western Celtic   ;-)

from 23 minutes and 15 seconds in the recording:
https://www.midomi.com/Track?trackID=100248496706597507&song=%C3%B3r%C3%B3%2C-s%C3%A9-do-bheatha-%27bhaile

Green Man - Óró, Sé Do Bheatha 'Bhaile   lovedeathbeauty • 2004
https://youtu.be/mG1NqCjGPdM
https://en.wikipedia.org/wiki/%C3%93r%C3%B3_s%C3%A9_do_bheatha_abhaile

from 28 minutes and 30 seconds in the recording:
https://www.midomi.com/Track?trackID=100820279176346957&song=two-gypsies
Solace - Two Gypsies   Shawaza • 2020
https://youtu.be/1X5H0WLupto
roger`` (Glenn Hauser, OK, WOR)

** UGANDA [non]. Re the 15170 station, Richard Langley on WOR iog:

``So, this broadcast could be in support of Robert Kyagulanyi (a.k.a.
Bobi Wine), the president of the National Unity Platform party, who is
currently under de facto house arrest by the Ugandan military. But no
mention of streaming audio or radio broadcasts at this website based
in The Netherlands:
https://bobiwine.com/

I remind us all that there were at least two clandestine broadcasts to
or for Uganda around the time of the previous elections in 2016:
Radio Lead Africa, transmitted from South Africa:
https://shortwavearchive.com/archive/radio-lead-africa-march-5-2016

and Uganda Diaspora P10 Radio, broadcast from Issoudun:

https://shortwavearchive.com/archive/uganda-diaspora-p10-radio-february-18-2016
https://shortwavearchive.com/archive/uganda-diaspora-p10-radio-february-18-2016-1
-- Richard Langley``

Don`t forget these from year 2018!

``UGANDA [non]. 9370, Saturday June 2 at 1437, African music, strong signal as WWRB is reconfirmed here ex-15240 with R. Munansi. At 1447 I`m checking UTwente SDR for World of Radio, so also try 9370: not a bit of Munansi, but rather something in Burmese, i.e. VOA THAILAND at 1430-1530, which is surely also what the Ugandans will be hearing during this hour. At 1713 recheck back here, African music somewhat distorted at S6-S9. Saturday & Sunday daytime-only broadcasts, Tennessee toward east Canada (Glenn Hauser, OK, DX LISTENING DIGEST)

** UGANDA [non]. 9370, Sunday June 3 at 2055, R. Munansi via WWRB, presumed Luganda talk continues past 2100, but off by 2124 check (Glenn Hauser, OK, DX LISTENING DIGEST)``

Continued chex the next couple weeks no longer heard it (Glenn Hauser, OK, June 6, 2021, WOR)

** UGANDA [non]. 15170.000, Monday June 7, I`m running late but bring up UTwente just in time at 1527.5 to confirm that the mystery station has been on the air again today as well as Sat & Sun, S9/+10, just hilife music fill until 1529*.

The question is, whether it will be any different on Day 3 = Tuesday per HFCC registration with a very different azimuth - from somewhere. Day 4 - Wednesday is the only day lacking either broadcast, according to that.

On June 4, I asked Alfredo Cotroneo of IRRS:

``Alfredo, Could you identify the service on 15170 at 1500 UT by name and target, possibly contact info? Tnx, Glenn``

His reply June 7: Re: 15170 program
Alfredo Cotroneo <alfredo@nexus.org>

``Sorry, the broadcast is still under test, and the (legitimate organisation, not clandestine) client does not wish to make their name and address public for the time being.

Would you or any listener have any message, we will kindly relay it to them. Please email any message to reports@nexus.org with the **Explicit** request of the message to be forwarded to the producers. This is necessary for privacy/GDPR reasons for EU citizens.

Please refer to them when and if they provide a contact address during their broadcast. Best 73s. Alfredo``

James Careless noted in ODXA iog: FYI ... https://www.milanoventures.com/international-broadcasting/irish-radio-relay-service/

Footer: ``© 2016-2021 Milano Ventures Ltd. | Directors: C. Corcoran, Y. Roman, A. Cotroneo (Italian) | Registered in Dublin, Ireland, No. 593079 | Tel. +353 1 9069231``

Yes, they have been operating out of Ireland for several years, suspected for tax reasons. On-air announcements never mention Ireland, and continue to give Milano postal address. While somewhere on their other website, it says not to be used. ``IRRS`` is conveniently ambiguous.

ROMANIA? Despite Dave Kenny`s hearing an RRI IS once at the end of a 15170 transmission, this is not necessarily conclusive! These are after all *tests* which may very well involve different transmitter sites on different occasions (gh)

Further discussion of this from the WOR iog:

Re: [WOR] Uganda broadcast 15170 kHz
Jun 7 at 11:08 AM

``My suspicion that the African language in Glenn's recording also was Lugandan. It was not Swahili because the sounding was different than Swahili language to my ears.

I tried to search one of the presenters mentioned Ibrahimi Kasatu/Casatu or similar.... but I found nothing until this time.

We shall not forget that the station is not necessarily a NUP party station but heavily leaning toward that party. Maybe their simpathizers are running the station until the fundings allows them to do. They are all amateurs in broadcasting, they don't know how to use microphone correctly or make humless audio, did you hear the deep electric hum at the beginning? Maybe a non-correctly shielded microphone or other non-shielded audio equipment caused it.

Hearing the available recordings (thanks for everyone for it) it seems that the music fragments under the speeches are from mobile phone as the phone rings (ring tone) and the music with which the mobile phone signals that it received a SMS or e-mail message.
Tibor Gaal, Budapest, Hungary``

``Fair to poor at 1518 today in south-central British Columbia.
Harold Sellers, Vernon, BC`` June 7

``The new Ugandan clandestine station on 15170 kHz at 1500 UT provided a fairly good signal into NB today (7 June). But somewhat stronger into the U. Twente SDR receiver. Recorded at both sites. Predominantly in English today with a bit of Luganda. Transmission started with a minute or so of an English-language (American-accented) news program before an IRRS, Milano, ID before the Ugandan program. Just a bit of music and at beginning and end of the program. The talk by Rashid Kasaato seemed to end at about 1520 and then there were two repeats of some parts of the talk before the closing music and transmitter sign-off at 1529. I did not hear mention on any website or e-mail address or station name. At one point the speaker said "... on this channel, we'll be letting you know when you should really tune in ..." But what is the channel called? -- Richard Langley`` (Glenn Hauser, OK, WOR)

** UGANDA [non]. And I do mean non! Another check of 15170 with test transmissions at 1500-1530, Tue June 8: tune-in 1501 via UTwente, seems the same technically as other days despite far different IRRS ``MIL`` azimuth registered for Tuesdays only. Is on exactly 15170.000, a datum which might in itself be significant in pinning it on a site. But today, not a word about Uganda politix! Instead country/rock songs in English at first, S9+15; 1510 cut to `Astronomy-cast`, weekly program #605, informal discussion between unID OM host and YL expert Pamela, first about telescopes on rockets. Keeps going until chopped off the air at 1529:04*.

This is typical IRRS programming, presumably continuous on webcast, pulling fragments of various webprograms/podcasts at odd times to fill out the ``schedule``. Most of them probably unaware of their worldwide SW audience! Now will there be anything on Wednesday, the only DOW skipped in HFCC registrations?

Here`s that podcast, total time 1:00:35:
http://www.astronomycast.com/2021/05/ep-605-sounding-rockets/
leads to YouTube where we may also see the duo in split-screen

AstronomyCast episode 605: Sounding Rockets.
Transcriptions provided by GMR Transcription Services

``Fraser: Welcome to AstronomyCast, our weekly facts-based journey through the cosmos, where we help you understand not only what we know, but how we know what we know. I’m Fraser Cain, publisher of Universe Today. With me as always is Dr. Pamela Gay, a Senior Scientist for the Planetary Science Institute, and the director of

CosmoQuest. Hey Pamela! How you doing?`` (Glenn Hauser, OK, WOR) See also RUSSIA

** UGANDA [non]. 15170, Wed June 9 from 1500 on UTwente SDR, *no* signal from IRRS test of unspecified target broadcast via unspecified site believed to be Romania. So the HFCC registrations are not totally imaginary: they do show day 4 = Wednesday as the only day off. Will Ugandan political if not clandestine programming resume Thursday unlike Tuesday? (Glenn Hauser, OK, WOR)

** U K [non]. 9915, June 3 at 0419, `Newsday` from BBCWS at S9+10/20, remarkably good signal could be mistaken for a N American service. They better watch out: we aren`t supposed to get them on SW!! It`s really 250 kW, 315 degrees from Talata, MADAGASCAR, this hour only, so it`s really aimed USward beyond W Africa; plus 0500-0600 switched to 265 degrees, i.e. southern Africa. The 0400-0500 hour is also labeled by Aoki as *jammed by China, where it must also have a sizeable signal, tho way offbeam for there (Glenn Hauser, OK, WORLD OF RADO 2089)

** U S A. 13089-USB, June 7 at 2210, robotic marine weather, slightly distorted on a USCG frequency, dealing only with forecasts of wind speeds and direxions, and ``seas``, i.e. how wavy; mentions area concerned as Atlantic waters between 19 and 22 degrees north, 55 and 65 west, i.e. north of the Leeward Islands. Surely it`s NMN Chesapeake VA, despite EiBi showing it at 2130-2205, and the only other station supposedly on at 2210 would be NRV Guam at 2130-2215 (Glenn Hauser, OK, WOR)

** U S A. 13565, June 3 at 1411, trace of CW, likely the 1.8 milliwatt K6FRC beacon from Patterson CA (Glenn Hauser, OK, WOR)

** U S A. 28224.5-CW, June 3 at 1805, beacon K5GJR/B EL17, i.e.:
``28.2245 K5GJR C CORPUS CHRISTI, TX # 5W, VERTICAL``
I also logged him several times last June, July & August 2020:
Randy L Bates, Corpus Christi, TX 78415 USA ``I have a 10mtr beacon that runs 24/7 at 28.224.5, consisting of a Radio Shack HTX100, putting out 2.5 watts, using a Pico keyer kit I assembled, into a Antron A-99 vertical antenna at 40'... 73s Randy k5gjr`` CC is 957 km = 595 statute miles from Enid (Glenn Hauser, OK, WOR) See also unID

** U S A. WORLD OF RADIO 2088 monitoring: confirmed UT Thu June 3 at 0130 on WRMI 5010, S9+10 to Maryland SDR despite aim southward. At beginning marred by some squeaxe every few sex, unknown source, but gone before the ending (Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2089 contents: Antarctica, (Ascension), Australia, Belarus non, Brasil, Canada, China and non,

East Turkistan, Ethiopia non, Europe, (France), India, International Waters and non, Iran non, Italy non, Madagascar, Netherlands, North America, Paraguay, Romania, Sa`udi Arabia, Spain, Taiwan, UK (and non), USA, (Uzbekistan), Vanuatu; solar eclipse; propagation outlook

WOR 2089 is available as of 2355 UT Thursday June 3, 2021
(mp3 stream)   http://www.w4uvh.net/wor2089.m3u
(mp3 download) http://www.w4uvh.net/wor2089.mp3

Or via http://www.worldofradio.com/audiomid.html
Also linx to podcast services.

The shortwave+ broadcasts should be:

0130 UT Friday   WRMI 5850 to NW, 7780 to NE
2030 UT Friday   IRRS 918-Italy
0130 UT Saturday WRMI 9395 to NNW [suspended until June 12?]
1300 UT Saturday WRMI 15770 to NE
1801 UT Saturday IRRS 7290-Bulgaria to WNW, 918-Italy
1930vUT Saturday WA0RCR 1860-AM
0300vUT Sunday   WA0RCR 1860-AM [nominal 0315; as late as 0400]
2000 UT Sunday   IRRS 918-Italy
2200vUT Sunday   WBCQ 6160v Area 51 to WSW
2230 UT Sunday   WRMI 9955 [jammed?] to SSE [NEW]
2300 UT Sunday   WRMI 7780 to NE
0030 UT Monday   WRMI 7730 to WNW
0230 UT Monday   WRMI 7780 to NE, 5800 to SSE
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WRMI 7780 to NE
2100 UT Wednesday WBCQ 7490v to WSW
2200 UT Wednesday WRMI 9955 [jammed?] to SSE
0130 UT Thursday WRMI 5010 to S

Full schedule including AM, FM, webcasts, satellite, podcasts:
http://www.worldofradio.com/radioskd.html

Our non-commercial broadcasts and website depend on voluntary support: thanks this week to Doug Brown, London, Ontario, for a generous cheque on a US bank to
Glenn Hauser, Box 1684, Enid OK 73702 USA; and comments:

``Dear Glenn, During this past year, when all of our lives have been turned upside-down, the constant and unchanging things in life take on grater value. For me, your weekly World of Radio program has been one of those constants. Thank you so much for your thoroughly researched, timely and relevant listening tips week after week. Best regards and 73``

One may also contribute via PayPal, not necessarily in US funds,
to woradio at yahoo.com (Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2089 monitoring: confirmed first broadcasts UT Fri June 4 at 0130 on WRMIs: 7780 S9/+10, and 5850 S9+20/30. Next:

2030 UT Friday   IRRS 918-Italy
0130 UT Saturday WRMI 9395 to NNW [suspended until June 12?]
1300 UT Saturday WRMI 15770 to NE
1801 UT Saturday IRRS 7290-Bulgaria to WNW, 918-Italy
1930vUT Saturday WA0RCR 1860-AM
0300vUT Sunday   WA0RCR 1860-AM [nominal 0315; as late as 0400]
2000 UT Sunday   IRRS 918-Italy
2200vUT Sunday   WBCQ 6160v Area 51 to WSW
2230 UT Sunday   WRMI 9955 [jammed?] to SSE [NEW]
2300 UT Sunday   WRMI 7780 to NE
0030 UT Monday   WRMI 7730 to WNW
0230 UT Monday   WRMI 7780 to NE, 5800 to SSE
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WRMI 7780 to NE
2100 UT Wednesday WBCQ 7490v to WSW
2200 UT Wednesday WRMI 9955 [jammed?] to SSE
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2089 monitoring: confirmed Friday June 4 at 2030 on IRRS `shortwave` via Italia-AM 918 kHz, Villa Estense, S9+25 into nearby Noale SDR, but local noise level is higher than usual, same until 2059 ID and FSN. Next:

1300 UT Saturday Unique Radio NSW 3210-USB [new; not 1500]
1300 UT Saturday WRMI 15770 to NE
1801 UT Saturday IRRS 7290-Bulgaria to WNW, 918-Italy
1930vUT Saturday WA0RCR 1860-AM
0300vUT Sunday   WA0RCR 1860-AM [nominal 0315; as late as 0400]
1100 UT Sunday   Unique Radio NSW 3210-USB [new]
2000 UT Sunday   IRRS 918-Italy
2200vUT Sunday   WBCQ 6160v Area 51 to WSW
2230 UT Sunday   WRMI 9955 [jammed?] to SSE [NEW]
2300 UT Sunday   WRMI 7780 to NE
0030 UT Monday   WRMI 7730 to WNW
0230 UT Monday   WRMI 7780 to NE, 5800 to SSE
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WRMI 7780 to NE
2100 UT Wednesday WBCQ 7490v to WSW
2200 UT Wednesday WRMI 9955 [jammed?] to SSE
0130 UT Thursday WRMI 5010 to S

(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2089 monitoring: confirmed Saturday June 5 at 1300 on WRMI 15770, poor to fair.

Also confirmed Sat June 5 at 1325 the new 1300 broadcast on Unique Radio, NSW, 3210-USB; weak but audible, and no QRM, via remotes in South Australia and Brisbane (the first publicized Sat time of 1500 was changed to 1300. The other two WOR airings are Fri & Sun at 1100). See AUSTRALIA for more about this station.

Also confirmed Sat June 5 after 1600 on WRN webcast to N America.

Also confirmed Sat June 5 from 1800:38 on IRRS 7290 via Bulgaria via UTwente SDR S9+20/30; also JBA on 14580 = 2 x 7290 at 1826 check; where there is even worse `worble` on plus side. Earlier on 7290: 1754 only weak Chinese and warble on USB only; *1756 open carrier on but S7 not much stronger, some hum and China still audible; 1759:48 cut on modulation JIP `Aida` as usual; very brief IRRS sign-on; pause and then WOR which played to completion after 1829. Synch AM measured frequency as 7289.998.60, the last two centi-Hz digits varying slightly. No transmitter, or receiver can be any more stable.

Also confirmed Sat June 5 from 1940 on WA0RCR, 1860-AM, MO, S9+15 to KB0FX SDR nearby. Next:

0300vUT Sunday   WA0RCR 1860-AM [nominal 0315; as late as 0400]
1100 UT Sunday   Unique Radio NSW 3210-USB [new]
2000 UT Sunday   IRRS 918-Italy
2200vUT Sunday   WBCQ 6160v Area 51 to WSW
2230 UT Sunday   WRMI 9955 [jammed?] to SSE [NEW]
2300 UT Sunday   WRMI 7780 to NE
0030 UT Monday   WRMI 7730 to WNW
0230 UT Monday   WRMI 7780 to NE, 5800 to SSE
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WRMI 7780 to NE
2100 UT Wednesday WBCQ 7490v to WSW
2200 UT Wednesday WRMI 9955 [jammed?] to SSE
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2089 monitoring: confirmed UT Sunday June 6 underway at 0322 UT on WA0RCR, 1860-AM, Wentzville MO, S9+20/30 direct. Next:

2000 UT Sunday   IRRS 918-Italy
2200vUT Sunday   WBCQ 6160v Area 51 to WSW
2230 UT Sunday   WRMI 9955 [jammed?] to SSE [NEW]

2300 UT Sunday   WRMI 7780 to NE
0030 UT Monday   WRMI 7730 to WNW
0230 UT Monday   WRMI 7780 to NE, 5800 to SSE
1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WRMI 7780 to NE
2100 UT Wednesday WBCQ 7490v to WSW
2200 UT Wednesday WRMI 9955 [jammed?] to SSE
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2089 monitoring: confirmed Sunday June 6 from 2000:40 UT on IRRS via Italia-AM 918 kHz, Villa Estense, Italy. This time I try the Kiwi in Como which does hear it S9/+5 but noisy and non-local. Also some CCI maybe Spain. Followed rock music, timesignal 4-5 seconds late as received indirectly, IRRS ID with Milano PO box.

Confirmed Sunday June 3 at 2205 on Area 51/61 webcast; but did not get to confirm whether also on SW WBCQ 6159.9v. Did anyone hear it? By 2327 that`s anyway confirmed on air, music noisy into Virginia SDR.

[WORLD OF RADIO 2089 monitoring: Sunday June 6 at
2200 on WBCQ: ``Glenn, Yes, WOR did air in its entirety on 6160. Started a couple of minutes late but the entire program was heard. This is when I normally listen to WOR. John Carver, Mid-North Indiana`` (Glenn Hauser, OK, WOR)]

Missed checking the new time of Sunday 2230 on WRMI 9955! Did anyone hear it? That`s what I get for failing to set an alarum reminder.

Confirmed Sunday June 6 at 2322 the 2300 on WRMI 7780, good S9/+15 into UTwente.

Also confirmed UT Monday June 7 at 0030 on WRMI 7730, VG direct.

Also confirmed UT Monday June 7 at 0130 on World Radio Network webcast for North America.

Also confirmed UT Monday June 7 at 0230 on WRMIs: 7780 S9 vs storm noise; 5800 S9+10/20 better vs storm noise. Next not until Wednesday!

1030 UT Wednesday WRMI 5850 to NW
2100 UT Wednesday WRMI 7780 to NE
2100 UT Wednesday WBCQ 7490v to WSW
2200 UT Wednesday WRMI 9955 [jammed?] to SSE
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A. WORLD OF RADIO 2089 monitoring: ``From the desk of Richard Lemke's listening Post, St. Albert, AB, Canada, JRC NRD-535 HF, Antenna: random long wires in the trees: Dear Glenn: 5850 kHz, not confirming hearing World of Radio at 1030 UT this early morning; the transmitter went off line 1030, so this program was missing, June 9``

Confirmed Wed June 9 from 2100:20 on WBCQ 7488.853, S8-S9 into Maryland SDR whose Synch displays frequency offset minus 147 Hz.

Also confirmed Wed June 9 at 2100 on WRMI 7780, S8 into Maryland SDR; JBA carrier into UTwente; both also JBA carriers direct to OK. It`s summer and these low bands are not going to propagate beyond one hop, if that far, fighting daytime absorption and high noise levels. Meanwhile there would be plenty of space on 11 & 13 MHz bands for better propagation, but more of a skip zone; think small?

Also confirmed Wed June 9 at 2200 oo WRMI 9955, S9/+15 into Maryland SDR; at 2223 good into Bonaire over pulse jamming. Next, and last:

0130 UT Thursday WRMI 5010 to S

Full schedule including AM, FM, webcasts, satellite, podcasts: http://www.worldofradio.com/radioskd.html

Our non-commercial broadcasts and website depend on voluntary support: thanks this week to Doug Brown, London, Ontario, for a generous cheque on a US bank to
Glenn Hauser, Box 1684, Enid OK 73702 USA; and comments:

{I am too modest to keep repeating these in every report for a week; but you may see them in original report}

One may also contribute via PayPal, not necessarily in US funds, to woradio at yahoo.com

New WOR 2090 should be ready by early UT Friday June 11 for first airings at 0130 on WRMIs 5850 & 7780 (Glenn Hauser, OK, WOR)

** U S A. 6159.899, June 4 at 0244, dead air from WBCQ, always off-frequency, but considerable splash anyway from 6165 RHC. Meanwhile 6155 remains unoccupied at this hour. Axually, WBCQ program sked shows *two* shows during this hour; cancel each other out?

6160   Fr 0100 0300 UTC Th 09:00PM 11:00PM EST The Hal Turner Show
6160   Fr 0200 0300 UTC Th 10:00PM 11:00PM EST Radio For Peace International
6160   Fr 0300 0500 UTC Th 11:00PM 01:00AM EST Late Nite in the Heartland

EST? Axually times must be EDT at 4-hour conversion. And I don`t think 6160- has been running after 0300 (Glenn Hauser, OK, WOR)

** U S A. 6159.891, UT Sat June 5 at 0000, WBCQ with double-ID jingle, JIP WTO theme for `AAAWWW`. First subject is aliens. Checked on a Maryland SDR I already have up for TRSW. I`m otherwise occupied this hour, so cede the floor to John Carver:

``Tonight's show started on time on 6160 and 7490 but 6160 was hard to copy. Allan in the studio in hot and humid Fla with a beautiful Angela. Angela brings up aliens again, also spam phone calls, commercials etc. Allan starts reading the new edition of the Free Radio Weekly at 0017. Talk then continues about radio and space including SETI. Then a discussion of traveling in space. Phone call at 0049 from Mr. Transistor, Norm about digital AM radio. Another phone call at 0055 talking about aliens and the pyramids. Reading of emails at 0058 and off the air at 0100. John, Mid-North Indiana`` (Glenn Hauser, OK, WOR)

** U S A. 7730, June 4 at 0259, WRMI-13 is OFF; scheduled 00-11, + later on Saturday, mostly dead Brother Scare including at this hour. The others 7s, 7780 & 7570 are still on, nominal (Glenn Hauser, OK, WOR)

** U S A. 12040 & 12050, June 4 at 1454, WEWN Spanish is on neither (Glenn Hauser, OK, WOR)

** U S A [and non]. 12050, June 8 at 1528, WEWN Spanish is back here after several days on 12040, so it may collide again with Ndarason at 19-21. Current EiBi as of June 5 already had them moved to 12040. Tnx to tip from Rick Barton, AZ.

Just after 19 UT I explore how they share/collide via various remotes: Bonaire, only WEWN VG; Buenos Aires, and Namibia, neither! TWR South Africa is always ``blocked`` when I go to it; is it just me, or everyone? There are no remotes anywhere near Chad, but Kuwait is getting Ndarason only, well from Woofferton.

After 2000 I check 12050 on the portable PL-880 here: WEWN is atop but considerable QRM from RNI/WOF underneath (Glenn Hauser, OK, WOR)

** U S A. 12040, June 9 at 2222, VP S5-S6 signal into Bonaire SDR, and nothing on 12050, so WEWN switched again? No, 12040 must have been KSDA in Sundanese this semihour only; while to OK at 2312 I do have Spanish WEWN poorly on 12050 (Glenn Hauser, OK, WOR)

** U S A. 15555-USB, June 5 at 1408, JBA gospel huxter so WJHR is on

the air, rarely audible (Glenn Hauser, OK, WOR)

** U S A. 6115, June 9 at 0040 and still 0044, dead air from WWCR-1, or rather occasional traces of distorted modulation peaks. Wiggle that patchcord! How can anystation expect anyone to listen, or more pertinently, anyone to pay for airtime, when no one at the station itself is constantly monitoring to be sure there are no problems?? Scheduled during this hour is `Financial Survival`, ha2, tsk2. Refund? Now entering 33rd year on air, act still not together.

WWCR traditionally modifies its transmission schedule by June, and the current one dated May 29-August 31 is now shown at
https://www.wwcr.com/transmitter-sched.html
Nothing exciting, but there may have been some shifts in timespans of the same old frequencies; I have not tried to compare with the previous one, no longer exhibited (Glenn Hauser, OK, WOR)

** U S A. June 6 at 1620-1701 UT, a caradio-in-the-garage FMDX session spurred by a 103 MHz Es MUF spike on the DXMAP, continuous bandscanning at least the lower half; and the clearest shots into the vertical antenna are from north and east; at least in the visible spectrum vs metal door to the south. Concentrating on the few `open` or semi-open channels. Turns out, not a bit of Es logged but I get to explore the KS & OK fringe signals.

92.1, June 6 at 1620, $ pilot during sermon; may well be live as it`s The Church Hour on Sunday. KFXI Marlowe OK, country station to the south with 100 kW is normally dominant over BA/Tulsa weaker if slightly closer station. At 1658 the preacher finishes and turns it over to a layperson for some event announcements, who says they need beef- or rabbit-jerky for Fathers` Day; but then outro as from FBaptist Church of Marlowe, on KFXI!

However, I`ve also heard gospel-huxtering on 92.1 at various other times in the week. Per WTFDA FM Database the most likely is this just across the OK border:
``KCCA-LP 92.1 ANTHONY KS RELIGIOUS TEACHING 0.1 0.0 kW -2.0 0.0 m HAAT 37-09-12 98-01-51``

104.9, June 6 circa 1628 UT, trace of gospel huxter, but it`s Sunday morning. I continue to doubt that the new station in Ringwood, a few miles west of Enid, is really on the air: it`s EWTN`s KEUC, 100 watts. Then there`s Protestant 5/5 kW KREK in Bristow OK.

97.3, June 6 at 1631 UT, ID as KK♯Q, Q-97, country. No hits searching on Q97 or Q-97; got to be Q 97 ---
``KKJQ 97.3 GARDEN CITY KS COUNTRY Q 97 FM 100.0 kW ERP 244.0 m HAAT 37-46-48 100-27-36 2B62 KKJQ THE DAWG -``

94.9, June 6 at 1638 UT, ``music from the 80s and 90s, NCK 94-9``: 100/100 kW KNCK Concordia KS. A brief fadeup, normally nothing.

96.3, June 6 at 1643 UT, suddenly a VG signal, normally nothing; could it be Es? NO! semi-local adstring for Harry`s Razor Blades; Roger Haskins Insurance; news brief from some national net; 1647 United States Mortgage ending with a long rapid condensed tag impossible to understand, but CYA! Buylewis.com (?), finally FNB of Spearville, 385-2636 and ad for National Beef of Dodge City. 1701 UT ``The Country Leader, Garden City``. So it`s this one, CoL midway between Garden and Dodge Cities:
``KERP 96.3 INGALLS KS COUNTRY 96.3 THE MARSHALL 100.0 kW H&V 213.0 m HAAT 37-56-30 100-18-44`` (Glenn Hauser, OK, WOR)

** VANUATU. 11835, June 6 from *0559:37, R. Vanuatu cuts on 3 x 3945, but JBA in HNL. A few minutes earlier, 7260 = 2 x 3945 was likewise (Glenn Hauser, OK, WOR)

** VANUATU. In my previous report, as Ron Howard outpoints, the RV 7260 frequency is not 2 x 3945, which is 7890; I meant to say ``7260 x 1`` (Glenn Hauser, OK, WOR) Gotta have an error to correct eachly?

UNIDENTIFIED. 13385-CW, June 4 at 0302, double-dit every 4 seconds = 15/minute. Could be interpreted as letter ``I``, so maybe one of those Russian markers? Unfound any reports of same, rather several other ``beacon`` single letters on 13527 per MARE archive (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 17810, June 5 at 1402, JBA carrier with hardly anything else on 16m; but nothing listed now in HFCC, Aoki or EiBi; however, RFA is on 17810 for one hour 06-07, attracting jamming. I was checking 17815 in case still-registered WHRI upshow (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 28287.9, June 4 at 2005, beep every ~13 seconds where one would expect a beacon. Maybe this on exact frequency in NJ5O list:

``28.2879 N4PZ ? MOUNT MORRIS, ILLINOIS # ?,? Uncoordinated beacon reported 5 Nov (DK7KG & K4AVO)`` qrz.com:

``N4PZ flag, STEPHEN R GROSS, MOUNT MORRIS, IL 61054`` --- He runs a beacon on 432 MHz band but nothing about any others. No real sporadic E beacons audible on 10m at this time (Glenn Hauser, OK, WOR)

UNSOLICITED TESTIMONIALS

7780, WRMI, Okeechobee. 21/5 from 0130 (our deep night) w/very useful

DX px "World of Radio" in EE presented by respected for decades Mr. Glenn Hauser (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi antenna), Australian DX News)